

OIPE  
 OCT 28 2003  
 PATENT & TRADEMARK

| FOREIGN PATENT DOCUMENTS |              |      |         |       |          |             |    |
|--------------------------|--------------|------|---------|-------|----------|-------------|----|
|                          | DOCUMENT NO. | DATE | COUNTRY | CLASS | SUBCLASS | TRANSLATION |    |
|                          |              |      |         |       |          | YES         | NO |
|                          |              |      |         |       |          |             |    |
|                          |              |      |         |       |          |             |    |
|                          |              |      |         |       |          |             |    |
|                          |              |      |         |       |          |             |    |

| OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.) |  |  |
|--|--|--|
|  |  |  |
|  |  |  |
|  |  |  |
|  |  |  |

**27488**  
PATENT TRADEMARK OFFICE

|          |                        |                 |                |
|----------|------------------------|-----------------|----------------|
| EXAMINER | <i>Robert M. Smith</i> | DATE CONSIDERED | <i>4-18-05</i> |
|----------|------------------------|-----------------|----------------|

**EXAMINER:** Initial if reference considered, whether or not citation is in conformance with MPEP 609; draw line through citation if not in conformance and not considered. Include copy of this form for next communication to the Applicant.

|   |   |                                   |
|---|---|-----------------------------------|
| <b>FORM 1449*</b><br><b>INFORMATION DISCLOSURE STATEMENT</b><br><b>IN AN APPLICATION</b><br>(Use several sheets if necessary) | Docket Number:<br>60001.0026USD1/MS111814.3 | Application Number:<br>10/668,580 |
|   | Applicant: Hughes et al.                    |                                   |
|   | Filing Date: Sept. 23, 2003                 | Group Art Unit: 2131              |

| U.S. PATENT DOCUMENTS |              |         |                 |       |          |                            |
|-----------------------|--------------|---------|-----------------|-------|----------|----------------------------|
| EXAMINER INITIAL      | DOCUMENT NO. | DATE    | NAME            | CLASS | SUBCLASS | FILING DATE IF APPROPRIATE |
| BB                    | 5,199,066    | 03/1993 | Logan           | 380   | 4        |                            |
| BB                    | 5,357,573    | 10/1994 | Walters         | 380   | 25       |                            |
| BB                    | 5,379,343    | 01/1995 | Grube et al.    | 380   | 4        |                            |
| BB                    | 5,491,804    | 02/1996 | Heath et al.    | 395   | 275      |                            |
| BB                    | 5,502,831    | 03/1996 | Grube et al.    | 395   | 427      |                            |
| BB                    | 5,509,070    | 04/1996 | Schull          | 380   | 4        |                            |
| BB                    | 5,666,411    | 09/1997 | McCarty         | 380   | 4        |                            |
| BB                    | 5,754,864    | 05/1998 | Hill            | 395   | 712      |                            |
| BB                    | 5,757,907    | 05/1998 | Cooper et al.   | 380   | 4        |                            |
| BB                    | 5,761,649    | 06/1998 | Hill            | 705   | 27       |                            |
| BB                    | 5,835,911    | 11/1998 | Nakagawa et al. | 707   | 203      |                            |

| FOREIGN PATENT DOCUMENTS |               |         |         |       |          |             |    |
|--------------------------|---------------|---------|---------|-------|----------|-------------|----|
|                          | DOCUMENT NO.  | DATE    | COUNTRY | CLASS | SUBCLASS | TRANSLATION |    |
|                          |               |         |         |       |          | YES         | NO |
| BB                       | EP 0844549 A1 | 05/1998 | EP      |       |          |             |    |
|                          |               |         |         |       |          |             |    |
|                          |               |         |         |       |          |             |    |
|                          |               |         |         |       |          |             |    |

| OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.) |  |  |
|--|--|--|
| BB   |  | Silent safeguard – An anti-piracy device lets you hear the bands without the blips; B. Fox; <i>New Scientist</i> , (Aug. 21, 1999) v.163, n. 2200, p. 12.  |
| BB   |  | Rallying the disc patrol: protection schemes for CD and DVD; D. Galante Block; <i>EMedia Professional</i> , (Dec. 1998) v. 11, n. 12 p. 34-8, 40-3.  |
| BB   |  | Anti-counterfeiting holograms and government anti-piracy activities in China; Hsu Dahsiung; <i>Proceedings of the SPIE - The International Society for Optical Engineering Conference</i> , (1998) v. 3358, p.318-321. |
| BB   |  | CD/DVD piracy: the replicator, the user and the technology; D.G. Block; <i>EMedia Professional</i> , (Dec. 1997) v.10, n.12, p.92-96, 98-100, 102-104, 106-107.  |

27488

PATENT TRADEMARK OFFICE

|   |                                |
|---|--------------------------------|
| EXAMINER <i>Bethany Smith</i>   | DATE CONSIDERED <i>4-18-05</i> |
| EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; draw line through citation if not in conformance and not considered. Include copy of this form for next communication to the Applicant. |                                |

|   |   |                                   |
|---|---|-----------------------------------|
| <b>FORM 1449*</b><br><b>INFORMATION DISCLOSURE STATEMENT</b><br><br><b>IN AN APPLICATION</b><br>(Use several sheets if necessary) | Docket Number:<br>60001.0026USD1/MS111814.3 | Application Number:<br>10/668,580 |
|   | Applicant: Hughes et al.                    |                                   |
|   | Filing Date: Sept. 23, 2003                 | Group Art Unit: 2131              |

| U.S. PATENT DOCUMENTS |              |         |               |       |          |                            |
|-----------------------|--------------|---------|---------------|-------|----------|----------------------------|
| EXAMINER INITIAL      | DOCUMENT NO. | DATE    | NAME          | CLASS | SUBCLASS | FILING DATE IF APPROPRIATE |
| BB                    | 6,041,411    | 03/2000 | Wyatt         | 713   | 200      |                            |
| BB                    | 6,243,468    | 06/2001 | Pearce et al. | 380   | 255      |                            |
|                       |              |         |               |       |          |                            |
|                       |              |         |               |       |          |                            |
|                       |              |         |               |       |          |                            |
|                       |              |         |               |       |          |                            |
|                       |              |         |               |       |          |                            |
|                       |              |         |               |       |          |                            |
|                       |              |         |               |       |          |                            |
|                       |              |         |               |       |          |                            |
|                       |              |         |               |       |          |                            |
|                       |              |         |               |       |          |                            |
|                       |              |         |               |       |          |                            |
|                       |              |         |               |       |          |                            |

| FOREIGN PATENT DOCUMENTS |              |      |         |       |          |             |    |
|--------------------------|--------------|------|---------|-------|----------|-------------|----|
|                          | DOCUMENT NO. | DATE | COUNTRY | CLASS | SUBCLASS | TRANSLATION |    |
|                          |              |      |         |       |          | YES         | NO |
|                          |              |      |         |       |          |             |    |
|                          |              |      |         |       |          |             |    |
|                          |              |      |         |       |          |             |    |
|                          |              |      |         |       |          |             |    |
|                          |              |      |         |       |          |             |    |

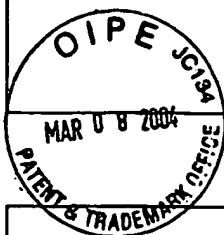
| OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.) |  |   |
|--|--|---|
| BB   |  | <u>Preventive and deterrent controls for software piracy</u> ; R.D. Gopal and G.L. Sanders; <i>Journal of Management Information Systems</i> (Spring 1997) v.13, n.4, p.29-47.  |
| BB   |  | <u>Foiling corporate software pirates</u> ; D.H. Freedman; <i>High Technology</i> (July 1995) v.5 n.7, p.62-64.   |
| BB   |  | <u>Software piracy: stopping it before it stops you</u> ; Mark B. Johnson; <i>Proceedings of the Sixteenth ACM SIGUCCS Conference on User Services</i> , 1988, p. 295-299.  |
| BB   |  | <u>Software watermarking: models and dynamic embeddings</u> ; Christian Colberg and Clark Thomborson; <i>Proceedings of the 26<sup>th</sup> ACM SIGPLAN-SIGACT Symposium on Principles of Programming Languages</i> , 1999, p. 311-324. |

**27488**

PATENT TRADEMARK OFFICE

|   |                                |
|---|--------------------------------|
| EXAMINER <i>Rehman Berlin</i>   | DATE CONSIDERED <i>4-18-05</i> |
| EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; draw line through citation if not in conformance and not considered. Include copy of this form for next communication to the Applicant. |                                |

|   |   |                                   |
|---|---|-----------------------------------|
| <b>FORM 1449*</b><br><b>INFORMATION DISCLOSURE STATEMENT</b><br><br><b>IN AN APPLICATION</b><br>(Use several sheets if necessary) | Docket Number:<br>60001.0026USD1/MS111814.3 | Application Number:<br>10/668,580 |
|   | Applicant: Hughes et al.                    |                                   |
|   | Filing Date: Sept. 23, 2003                 | Group Art Unit: 2131              |



## U.S. PATENT DOCUMENTS

| EXAMINER<br>INITIAL | DOCUMENT NO. | DATE | NAME | CLASS | SUBCLASS | FILING DATE<br>IF APPROPRIATE |
|---------------------|--------------|------|------|-------|----------|-------------------------------|
|                     |              |      |      |       |          |                               |
|                     |              |      |      |       |          |                               |
|                     |              |      |      |       |          |                               |
|                     |              |      |      |       |          |                               |
|                     |              |      |      |       |          |                               |
|                     |              |      |      |       |          |                               |
|                     |              |      |      |       |          |                               |
|                     |              |      |      |       |          |                               |
|                     |              |      |      |       |          |                               |
|                     |              |      |      |       |          |                               |
|                     |              |      |      |       |          |                               |
|                     |              |      |      |       |          |                               |
|                     |              |      |      |       |          |                               |
|                     |              |      |      |       |          |                               |

## FOREIGN PATENT DOCUMENTS

|  | DOCUMENT NO. | DATE | COUNTRY | CLASS | SUBCLASS | TRANSLATION |    |
|--|--------------|------|---------|-------|----------|-------------|----|
|  |              |      |         |       |          | YES         | NO |
|  |              |      |         |       |          |             |    |
|  |              |      |         |       |          |             |    |
|  |              |      |         |       |          |             |    |
|  |              |      |         |       |          |             |    |
|  |              |      |         |       |          |             |    |

## OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

|    |  |  |
|----|--|--|
| BB |  | <u>How to prove where you are: tracking the location of customer equipment</u> ; Eran Gabber and Avishai Wool; <i>Proceedings of the 5<sup>th</sup> ACM conference on Computer and Communications Security</i> , 1998, p. 142-149.                       |
| BB |  | <u>Handling site-licensing agreements and public domain software architecture</u> ; John D. Chovan; <i>Proceedings of the ACM SIGUCCS XIII Conference on User Services: pulling it all together</i> , 1985, p. 175-179.                                  |
| BB |  | <u>Digital signets: self-enforcing protection of digital information (preliminary version)</u> ; Cynthia Dwork, Jeffrey Lotspiech and Moni Naor; <i>Proceedings of the Twenty-eighth Annual ACM Symposium on Theory of Computing</i> , 1996, p. 489-498. |
|    |  |  |

27488

PATENT TRADEMARK OFFICE

|   |                                |
|---|--------------------------------|
| EXAMINER <i>Robert Benli</i>  | DATE CONSIDERED <i>4-18-05</i> |
| EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; draw line through citation if not in conformance and not considered. Include copy of this form for next communication to the Applicant. |                                |



|   |   |                              |
|---|---|------------------------------|
| PTO-1449 (Modified)<br><br>U.S. DEPARTMENT OF COMMERCE<br>PATENT AND TRADEMARK OFFICE<br><br>INFORMATION DISCLOSURE STATEMENT<br>BY APPLICANT | Attorney Docket No.:<br>60001.0026USD1/MS111814.2 | Serial Number:<br>09/668,580 |
|   | Applicant:<br>Hughes, et al.                      |                              |
|   | Filing Date:<br>September 23, 2003                | Group:<br>2131               |

**U.S. PATENT DOCUMENTS**

| EXAMINER<br>INITIAL | PATENT<br>NUMBER | ISSUE<br>DATE  | PATENTEE           | CLASS | SUBCLASS | FILING DATE   |
|---------------------|------------------|----------------|--------------------|-------|----------|---------------|
| BB                  | 4,658,093        | Apr. 14, 1987  | Hellman            | 380   | 25       | Apr. 14, 1987 |
| BB                  | 5,671,412        | Sept. 23, 1997 | Christiano, et al. | 395   | 615      | Jul. 28, 1995 |
| BB                  | 5,790,664        | Aug. 4, 1998   | Coley, et al.      | 380   | 4        | Feb. 26, 1996 |
| BB                  | 5,892,900        | Apr. 6, 1999   | Ginter, et al.     | 395   | 186      | Aug. 30, 1996 |
| BB                  | 5,940,504        | Aug. 17, 1999  | Griswold           | 380   | 4        | Jun. 29, 1992 |
| BB                  | 5,968,175        | Oct. 19, 1999  | Morishita, et al.  | 713   | 200      | Jun. 23, 1997 |
| BB                  | 6,044,471        | Mar. 28, 2000  | Colvin             | 713   | 202      | Jun. 4, 1998  |
| BB                  | 6,085,324        | Jul. 4, 2000   | Ogram, et al.      | 713   | 202      | May 14, 1997  |
| BB                  | 6,240,401        | May 29, 2001   | Oren, et al.       | 705   | 40       | Jun. 5, 1998  |
| BB                  | 6,244,758        | Jun. 12, 2001  | Solymar, et al.    | 395   | 200.54   | Mar. 24, 1997 |
| BB                  | 6,449,645        | Sept. 10, 2002 | Nash               | 709   | 224      | Mar. 2, 1999  |
|                     |                  |                |                    |       |          |               |
|                     |                  |                |                    |       |          |               |
|                     |                  |                |                    |       |          |               |
|                     |                  |                |                    |       |          |               |
|                     |                  |                |                    |       |          |               |
|                     |                  |                |                    |       |          |               |

**FOREIGN PATENT OR PUBLISHED FOREIGN PATENT APPLICATION**

| EXAMINER<br>INITIAL | DOCUMENT<br>NUMBER | PUBLICATION<br>DATE | COUNTRY OR<br>PATENT OFFICE | CLASS | SUBCLASS | TRANSLATION |    |
|---------------------|--------------------|---------------------|-----------------------------|-------|----------|-------------|----|
|                     |                    |                     |                             |       |          | YES         | NO |
|                     |                    |                     |                             |       |          |             |    |
|                     |                    |                     |                             |       |          |             |    |
|                     |                    |                     |                             |       |          |             |    |
|                     |                    |                     |                             |       |          |             |    |
|                     |                    |                     |                             |       |          |             |    |

**OTHER DOCUMENTS (Including Author, Title, Date, Relevant Pages, Place of Publication)**

|  |   |
|--|---|
|  | GLOBETROTTER Software, Inc., "FLEXIm End User Manual", Chapters 1 - 7 (1996). |
|  |   |
|  |   |
|  |   |
|  |   |

|  |                                |
|--|--------------------------------|
| EXAMINER <i>Rehman Rumbli</i>  | DATE CONSIDERED <i>4-18-05</i> |
| EXAMINER: Initial citation if reference was considered. Draw line through citation if not in conformance to MPEP 609 and not considered. Include copy of this form with next communication to applicant. |                                |

**27488**  
PATENT TRADEMARK OFFICE